

Table 2. RbR SDPS Release B Attribute Changes

CCR: 96-1443A

RBR_id	key	req_cat	seg	req_type	s_v_m	s_v_s	a_v_m	a_v_s	CCR	text	interpretation text	clarification
SDPS0015 #B	5057	mission essential	SDPS	functional	test	un-verified	test	<u>un-verified</u>		The SDPS shall receive directives on priorities and policy, including schedule conflict resolutions, from the SMC.		
SDPS0020 #B	6142	mission critical	SDPS	functional	test	un-verified	test	<u>un-verified</u>		The SDPS shall receive EOS science, engineering, ancillary and expedited data from the EDOS, the SDPF, and the IPs, and non-EOS data, in situ data, associated algorithms, documentation, correlative data, and ancillary data (as listed in Appendix C) from ADCs, EPDSs, and ODCs.	B: Exchange of inf. w/ IPs; ASTER GDS interfaces to EDC DAAC only. ONLY THE GSFC AND LARC DAACS WILL INTERFACE WITH EDOS, LARC and MSFC applies to interface with SDPF.	
SDPS0022 #B	6202	<u>mission critical</u>	SDPS	functional	<u>test</u>	un-verified	<u>test</u>	un-verified		The SDPS shall utilize FOS plans and scheduling information to generate EDOS Level 0 data availability information and integrate it into SDPS data availability schedules.	Full AM-1 mission operational relevance	ECS capabilities with EDOS are necessary for support of AM-1 mission
SDPS0025 #B	5066	mission essential	SDPS	functional	test	un-verified	test	<u>un-verified</u>		The SDPS shall accept scientific and non-scientific investigator supplied dataset specific data transformations.	B: FOR ASTER GDS INTERFACE	
SDPS0026 #B	5068	mission essential	SDPS	functional	test	un-verified	test	<u>un-verified</u>		The SDPS shall provide the capability for performing dataset specific data transformations.	B: Standard usage	
SDPS0031 #B	50	mission essential	SDPS	functional	test	un-verified	test	<u>un-verified</u>		The SDPS shall generate browse data and metadata		

Table 2. RbR SDPS Release B Attribute Changes

CCR: 96-1443A

RBR_id	key	req_cat	seg	req_type	s_v_m	s_v_s	a_v_m	a_v_s	CCR	text	interpretation text	clarification
	73		S							for routing to the requesting users.		
SDPS0032 #B	5076	mission essential	SDPS	functional	test	un-verified	test	<u>un-verified</u>		The SDPS shall provide the PIs and the other science users with the updated metadata for the assessment of data product quality.		
SDPS0035 #B	5078	mission essential	SDPS	functional	test	un-verified	test	<u>un-verified</u>		The SDPS shall produce derived ancillary products as Standard Products for EOS investigators based on algorithms and coefficients for conversion, calibration, and transformation of selected engineering/housekeeping data parameters.	B: AM-1 only	
SDPS0050 #B	5082	mission essential	SDPS	functional	test	un-verified	test	<u>un-verified</u>		The SDPS shall archive, manage, quality check, and account for the generated data products, and distribute the data products to the appropriate destinations as required.		
SDPS0080 #B	5092	mission essential	SDPS	functional	test	un-verified	test	<u>un-verified</u>		The SDPS shall archive, manage, quality check, and account for all science and ancillary data received from the IPs, the EPDSs, the SCFs, the ADCs, the ODCs, other DAACs, PIs and the other EOS science users.	B: ASTER GDS interfaces to EDC DAAC only.	
SDPS0085 #B	5	mission essential	SDPS	functional	test	un-verified	test	<u>un-verified</u>		The SDPS shall support data		

Table 2. RbR SDPS Release B Attribute Changes

CCR: 96-1443A

RBR_id	key	req_cat	seg	req_type	s_v_m	s_v_s	a_v_m	a_v_s	CCR	text	interpretation text	clarification
	098		PS							products transitioned from V0 at a level of service equal to or greater than the level of service provided for those same data products by V0. The <b>levels</b> of service are defined in Appendix C of the ESDIS Project Level 2 Requirements, Volume 5 EOSDIS Version 0.		
SDPS0090 #B	5100	mission essential	SDPS	interface	inspection	un-verified	inspection	<u>un-verified</u>		The SDPS shall interface with the PIs and the other science users to support the development and testing of data product algorithms and QA of produced data products.		
SDPS0091 #B	5105	mission fulfillment	SDPS	functional	test	un-verified	test	<u>un-verified</u>		The SDPS shall receive a quality report that is generated and transmitted by the PIs or the other science users, and appended to the data products being archived by the SDPS.	B: AM-1 Quality Reports are contained in the data products Metadata.	
SDPS0095 #B	5107	mission fulfillment	SDPS	functional	test	un-verified	test	<u>un-verified</u>		The SDPS shall provide science user interfaces that are individually tailorable including settable preferences, user defined keywords, query save capabilities, and screen layout preferences.	User profile information is used to tailor user settable preferences for ECS developed services.	
SDPS0100 #B	838	mission essential	SDPS	functional	test	un-verified	test	un-verified	96-1	The SDPS shall be responsible for delivery of EOS data and data products	B: IP's & ODC's	

Table 2. RbR SDPS Release B Attribute Changes

CCR: 96-1443A

RBR_id	key	req_cat	seg	req_type	s_v_m	s_v_s	a_v_m	a_v_s	CCR	text	interpretation text	clarification
	9								344A	to the IPs, the ADCs, the ODCs and the other science users via EOSDIS networks and on a variety of physical media.		
SDPS0110 #B	8180	mission essential	SDPS	functional	test	un-verified	test	un-verified	96-1226	The SDPS shall be responsible for coordination of the transfer of production and expedited science and engineering data from SDPF and the IPs	<u>The SDPF performs the operations and the IPs are tested for the interface.</u>	
SDPS0120 #B	5116	mission essential	SDPS	operational procedural	test inspection	un-verified	test inspection	un-verified		The SDPS shall be capable of operating in a 24-hour a day, 7-day a week mode.	<u>ECS shall meet this requirement by inspection of applicable results from RMA requirements EOSD3900B through EOSD4020B.</u>	
SDPS0130 #B	5129	mission essential	SDPS	functional	test	un-verified	test	un-verified		The SDPS shall provide the capability for DAACs to exchange data products, browse data, metadata, data quality information, research results, and documentation.		
SDPS0140 #B	5131	mission essential	SDPS	functional	inspection	un-verified	inspection	un-verified		The SDPS shall support element, system, and subsystem test activities throughout the development phase.		
SDPS0150 #B	8390	mission essential	SDPS	functional	test	un-verified	test	un-verified	96-134	The SPDS shall assign priority and distribute expedited data and expedited data availability notices.	For TRMM only	

**Table 2. RbR SDPS Release B Attribute Changes**

CCR: 96-1443A

RBR_id	key	req_cat	seg	req_type	s_v_m	s_v_s	a_v_m	a_v_s	CCR	text	interpretation text	clarification
									4A			
SDPS0170 #B	5134	mission essential	SDPS	evolvable	test	un-verified	<del>test</del> <u>analysis</u>	<u>un-verified</u>		The SDPS shall accommodate growth in the instrument processing load and storage capacity without changes to the SDPS architecture or design.		